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NEEDLE & ROSENBERG, P.C.
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ATLANTA, GA 30303-1811



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UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 09/27/2000

REEL/FRAME: 011141/0268

NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CHIORINI, JOHN A.

DOC DATE: 09/06/2000

ASSIGNOR:

KOTIN, ROBERT M.

DOC DATE: 09/06/2000

ASSIGNOR:

SAFER, BRIAN

DOC DATE: 09/06/2000

ASSIGNEE:

HEALTH AND HUMAN SERVICES, THE
GOVERNMENT OF THE UNITED STATES
OF AMERICA, AS REPRESENTED BY
THE SECRETARY, DEPARTMENT OF
C/O NATIONAL INSTITUTES OF HEALTH
OFFICE OF TECHNOLOGY TRANSFER,
6011 EXECUTIVE BOULEVARD, SUITE
325
ROCKVILLE, MARYLAND 20852

505/LM/P

DOCKETED	
By <u>JMW</u>	Date <u>12/11/00</u>
Reviewed <u>Anuf 12/11/00</u>	Name / Date

011141/0268 PAGE 2

SERIAL NUMBER: 09533427
PATENT NUMBER:

FILING DATE: 03/22/2000
ISSUE DATE:

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

10-12-2000

FORM PTO-1595
(Revised 6-93)

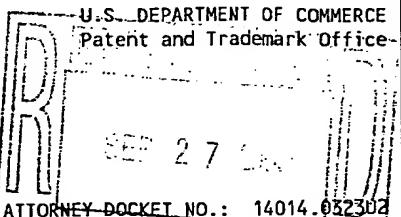


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PATENTS ONLY

9:27:00

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:

Please record the attached original documents or copy thereof.



1. Name of conveying party(ies): JOHN A. CHIORINI,
ROBERT M. KOTIN and BRIAN SAFER

Additional names of conveying party(ies)
attached?

YES NO

2. Name and address of receiving party(ies):

The Government of the United States of America, as
represented
by the Secretary, Department of Health and Human

Services

c/o National Institutes of Health
Office of Technology Transfer
6011 Executive Boulevard, Suite 325
Rockville, Maryland 20852

Additional name(s) and address(es) attached?

YES NO

3. Nature of conveyance:

X Assignment	Merger	Other
Security Agreement	Change of Name	

Execution Date: September 6, 2000

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: (filed
March 22, 2000)

A. Patent Application No.(s): 09/533,427

B. Patent No.(s):

Additional numbers attached? YES NO

5. Name and address of party to whom correspondence
concerning document should be mailed:

Gwendolyn D. Spratt, Esq.
NEEDLE & ROSENBERG, P.C.
Suite 1200, The Candler Building
127 Peachtree Street, N.E.
Atlanta, Georgia 30303-1811
(404) 688-0770

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):

\$40.00

10/12/2000 MTHAI 00000062 09533427

Enclosed

40.00 DP

Authorized to be charged to Deposit Account.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment, to Deposit Account No. 14-0629.

8. Deposit account number: 14-0629

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(Attach duplicate copy of this form if paying by deposit account)

9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gwendolyn D. Spratt

Gwendolyn D. Spratt
Reg. No. 36,016

9-25-00

Date

Total Number of Pages Including Cover Sheet, Attachments, and Document: 6

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: BOX ASSIGNMENT, Commissioner of Patents and Trademarks, Washington, D.C. 20231, on the date shown below.

Gwendolyn D. Spratt

Gwendolyn D. Spratt

9-25-00

Date

ASSIGNMENT

WHEREAS, JOHN A. CHIORINI, ROBERT M. KOTIN, AND BRIAN SAFER, employees of the Department of Health and Human Services, have invented "**AAV5 VECTOR FOR TRANSDUCING BRAIN CELLS AND LUNG CELLS**", for which we have made application for Letters Patent of the United States, Serial No. 09/533,427, filed March 22, 2000; and

WHEREAS, we are the applicant(s) named in the above-identified application for Letters Patent; and

WHEREAS, the conditions under which said invention was made are such as to entitle **THE UNITED STATES OF AMERICA** [hereinafter **THE GOVERNMENT**] under Paragraph 1(a) of Executive Order 10096 to the entire right, title, and interest herein, both domestic and foreign; and

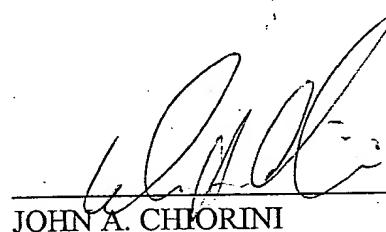
WHEREAS, THE GOVERNMENT is desirous of acquiring all domestic and foreign right, title, and interest in the above-mentioned invention described in the application for Letters Patent; and

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign and transfer to **THE GOVERNMENT**, represented by the Secretary, Department of Health and Human Services, the full and exclusive rights in and to said invention in the United States and within each and every foreign country in which **THE GOVERNMENT** elects to file and the entire right, title, and interest in and to such application, and any subsequent application claiming priority to the above-identified application under 35 U.S.C. § 119(e), continuation, continuation-in-part, division, reissue, reexamination, or extension thereof, and including priority rights as may be filed in the United States and foreign countries, and such Letters Patent as may be granted to be held by **THE GOVERNMENT** to the end of the

term for which the same would have been held by the inventors had this assignment not been made.

We further agree to make, execute, and deliver to the Secretary, Department of Health and Human Services, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to assist **THE GOVERNMENT** in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by **THE GOVERNMENT**.

IN WITNESS WHEREOF, I have executed this Assignment this 6 day of Sept
2000.



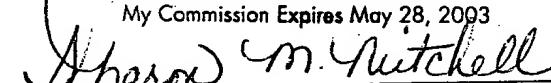
(L.S.)
JOHN A. CHIORINI

State of Maryland

County of Montgomery

On this 6 day of September, 2000, before me, a Notary Public, came JOHN A. CHIORINI, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

SHARON M. MITCHELL
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires May 28, 2003



Sharon M. Mitchell
Notary Public

My Commission Expires: 5/23/2003

IN WITNESS WHEREOF, I have executed this Assignment this 6th day of September, 2000.

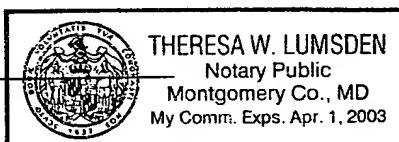
Robert Kotin (L.S.)
ROBERT M. KOTIN

State of Maryland

County of Montgomery

On this 6th day of September, 2000, before me, a Notary Public, came ROBERT M. KOTIN, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

Theresa W. Lumsden
Notary Public



My Commission Expires: _____

IN WITNESS WHEREOF, I have executed this Assignment this 6th day of September, 2000.

Brian Safer
BRIAN SAFER

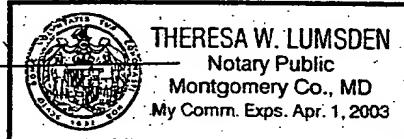
(L.S.)

State of Maryland

County of Montgomery

On this 6th day of September, 2000, before me, a Notary Public, came BRIAN SAFER, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

Theresa W. Lumsden
Notary Public



My Commission Expires: _____